

AutoPellet Boiler System

*Central heating using
renewable wood pellet fuel*

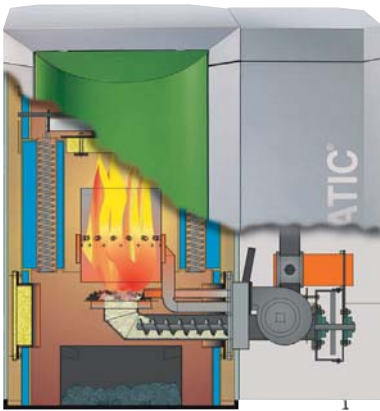
- **Self-feeding**
high capacity pellet storage
- **Continous**
burner adjustment for optimum performance
- **Automatic**
ash removal
- **Reduced**
heating costs and freedom from fossil fuels
- **Greatly**
reduced carbon footprints
- **Integration**
with existing systems possible
- **Efficient**
output from advanced technology



AutoPellet Boiler System

The AutoPellet boiler systems are UL approved for use with premium grade pellets. Suitable for direct replacement of an existing oil/gas boiler, or as the main heat source while maintaining the existing oil/gas boiler. An AutoPellet system is the ideal solution for decreasing our dependence on fossil fuels in times of unpredictable energy prices without reducing the level of convenience.

Each AutoPellet boiler system comes standard with either an auger or vacuum pellet feed system and automatic ash removal equipment.



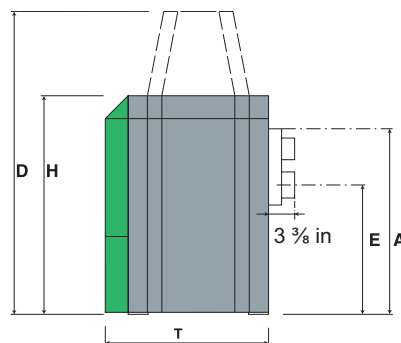
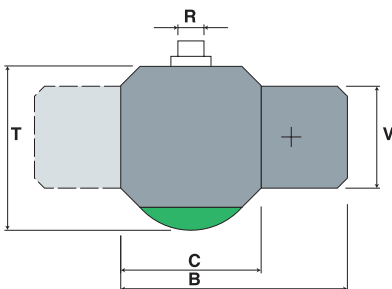
Venting and Installation Requirements:

The boiler must have its own chimney/flue chase approved for solid fuel firing. Use a black smoke pipe for boiler breeching to the chimney. Install a furnished barometric in vertical direction. Slope flue pipe to chimney at least 1/4" per foot upward to the chimney. Ensure adequate combustion air at all times. Extend chimney at least 3 ft above roof penetration and at least 2 ft above any part of the roof within a radius of 10 ft. Follow Table below for minimum chimney heights. Maintain at least 4 ft lateral clearance between pellet boiler and pellet fuel storage.

Boiler – Type		PE(S)12	PE(S)15	PE(S)20	PE(S)25	PE(S)32	PES36	PES48	PES56
Boiler-rated power	BTU/hr	41,000	51,000	68,300	85,300	109,500	123,000	164,000	191,000
Width - total	B Inch	44 1/2	44 1/2	44 1/2	46 3/4	46 3/4	51	51	51
Width - boiler	C Inch	27 1/2	27 1/2	27 1/2	29 3/4	29 3/4	34	34	34
Height - boiler	H Inch	43	43	43	50 3/4	50 3/4	61 1/4	61 1/4	61 1/4
Height - vacuum suction system	D Inch	60	60	60	67 1/4	67 1/4	73	73	73
Depth - boiler	T Inch	32	32	32	34 1/4	34 1/4	39	39	39
Depth - casing	V Inch	20	20	20	20	20	20	20	20
Water supply/return - dimensions	Inch	1	1	1	5/4	5/4	2	2	2
Water supply/return - height of connection	A Inch	35 3/4	35 3/4	35 3/4	43 3/4	43 3/4	52	52	52
Flue size - diameter	R Inch	5	5	5	6	6	7	7	7
Flue - height of connection	E Inch	25 1/2	25 1/2	25 1/2	33 1/4	33 1/4	41	41	41
Overall Weight	Lb	534	542	551	697	705	1,327	1,336	1,345
Water capacity	Gal	15.0	15.0	15.0	23.6	23.6	30.6	30.6	30.6

Chimney Size	Min. Height
6" x 6"	17 ft
7" x 7"	16 ft
8" x 8"	16 ft
6" round	19 ft
7" round	17 ft

The AutoPellet system must be installed by a trained service technician. The boiler will require cleaning and brushing of the boiler heating surfaces **once a year**.



MESys Certified Contractor



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Wood and pellet boilers
Installation & maintenance